

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-056823

(43)Date of publication of application : 27.02.2001

(51)Int.Cl.

G06F 17/30
G01C 21/00
G06T 1/00
G08G 1/0969
G09B 29/00

(21)Application number : 11-331885

(71)Applicant : MATSUSHITA ELECTRIC IND CO LTD

(22)Date of filing : 22.11.1999

(72)Inventor : NAKANO NOBUYUKI
IHARA YASUHIRO
KAMIYAMA YOSHIKI
SUZUKI SACHIHIRO
FUKUDA HISAYA

(30)Priority

Priority number : 10332412
11165940

Priority date : 24.11.1998
11.06.1999

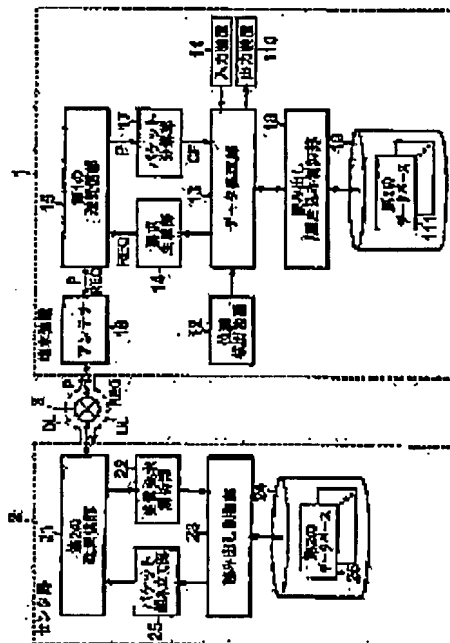
Priority country : JP
JP

(54) DATA STRUCTURE OF DIGITAL MAP FILE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a terminal device for reading out a map file eliminating the need to update map files of adjacent units when one file is updated.

SOLUTION: Map files representing units obtained by dividing a map into areas contain node records generated by nodes and link records generated by links. In a specific node record, coordinate information on an adjacent node prescribing the connection relation of a road between the unit and adjacent unit is recorded. Those map files are stored in a 1st storage device 19. A data processing part 13 searches for a route by using the map files. The data processing part 13 traces a connection from a road in one unit to a road in the other adjacent unit in the route searching process according to coordinate information that one unit and the adjacent node of the other adjacent unit have.



LEGAL STATUS

[Date of request for examination]

20.06.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than